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### **ABSTRACT OF THE INVENTION**

A switchable optical filter including a first thin-film optical bandpass filter portion;  
and a second thin-film optical bandpass filter portion, wherein both the first and second thin-  
film optical bandpass filter portions are adjacent to each other and form parts of single  
5 integral structure, and wherein the first thin-film optical bandpass filter is thermally tunable  
and is characterized by a passband that shifts as a function of temperature and wherein the  
second thin-film optical bandpass filter is thermally non-tunable.